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## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in this application.

## Listing of Claims:

- 1. (Currently Amended) A process for converting an alcohol-containing stream to light olefins, wherein the process comprises the steps of:
  - (a) providing methanol and ethanol to a reaction zone, wherein the weight ratio of methanol to ethanol is from about  $5.33 \pm 1$  to about  $9.33 \pm 1$ ; and
  - (b) contacting the methanol and the ethanol in the reaction zone with a silicoaluminophosphate molecular sieve catalyst composition at a temperature of at least from 475°C to 500°C to convert the methanol and ethanol to the light olefins at an ethylene to propylene weight ratio of at least 1.25.

## 2-5. (Canceled)

- 6. (Original) The process of claim 1, wherein the molecular sieve catalyst composition comprises a molecular sieve selected from the group consisting of: MeAPSO, SAPO-5, SAPO-8, SAPO-11, SAPO-16, SAPO-17, SAPO-18, SAPO-20, SAPO-31, SAPO-34, SAPO-35, SAPO-36, SAPO-37, SAPO-40, SAPO-41, SAPO-42, SAPO-44, SAPO-47, SAPO-56, AEI/CHA intergrowths, metal containing forms thereof, intergrown forms thereof, and mixtures thereof.
- 7. (Original) The process of claim 1, wherein the methanol and ethanol are formed by contacting syngas with a synthesis catalyst under conditions effective to form the methanol and the ethanol.
- 8. (Original) The process of claim 7, wherein the synthesis catalyst comprises an alkali-treated metal sulfide.
- 9. (Original) The process of claim 1, wherein the methanol and ethanol is formed in a synthesis zone containing a methanol synthesis catalyst and an ethanol synthesis catalyst in a weight ratio of from about 1.0 to about 5.0.

- 10. (Original) The process of claim 9, wherein the weight ratio of methanol synthesis catalyst to ethanol synthesis catalyst is from about 2.0 to about 4.0.
- 11. (Original) The process of claim 1, wherein the process further comprises the step of:
  - (c) contacting syngas with a methanol synthesis catalyst and an ethanol synthesis catalyst under conditions effective to convert the syngas to the methanol and the ethanol.
- 12. (Original) The process of claim 11, wherein the methanol synthesis catalyst comprises a metal oxide.
- 13. (Original) The process of claim 11, wherein the ethanol synthesis catalyst comprises an alkali-treated metal sulfide.
- 14. (Original) The process of claim 11, wherein the process further comprises the step of:
  - (d) contacting a natural gas stream with oxygen in a syngas generation zone under conditions effective to convert the natural gas stream into the syngas.

## 15-16. (Canceled)

- 17. (Original) The process of claim 1, wherein the methanol and the ethanol are directed to the reaction zone in an alcohol-containing stream comprising from about 0.1 to about 10.0 weight percent water, based on the total weight of the alcohol-containing stream.
- 18. (Currently Amended) A process for producing light olefins, the process comprising the steps of:
  - (a) contacting a syngas stream comprising carbon monoxide, carbon dioxide and hydrogen with a methanol synthesis catalyst and an ethanol synthesis catalyst in a synthesis zone under first conditions effective to form a first alcohol-containing stream comprising methanol and ethanol, wherein the first alcohol-containing stream has a methanol to ethanol weight ratio from about 5.33 4:1 to about 9.33 9:1; and
  - (b) contacting the methanol and the ethanol in the reaction zone with a silicoaluminophosphate molecular sieve catalyst composition at a temperature of at least

from 475°C to 500°C to convert the methanol and ethanol to the light olefins at an ethylene to propylene weight ratio of at least 1.25.

- 19. (Original) The process of claim 18, wherein the first alcohol-containing stream further comprises water, the process further comprising the step of:
  - (c) removing a weight majority of the water from the first alcohol-containing stream to form a second alcohol-containing stream comprising a weight majority of the methanol and the ethanol that was present in the first alcohol-containing stream.
- 20. (Original) The process of claim 19, wherein the second alcohol-containing stream comprises from about 0.1 to about 10.0 weight percent water, based on the total weight of the second alcohol-containing stream.
- 21. (Original) The process of claim 19, wherein the process further comprises the step of:

  (d) removing a weight majority of the light ends from the first alcohol-containing stream
  or from the second alcohol-containing stream, wherein the light ends comprises one or
  more of hydrogen, carbon monoxide and carbon dioxide.
- 22. (Original) The process of claim 18, wherein the molecular sieve catalyst composition comprises a molecular sieve selected from the group consisting of: MeAPSO, SAPO-5, SAPO-8, SAPO-11, SAPO-16, SAPO-17, SAPO-18, SAPO-20, SAPO-31, SAPO-34, SAPO-35, SAPO-36, SAPO-37, SAPO-40, SAPO-41, SAPO-42, SAPO-44, SAPO-47, SAPO-56, AEI/CHA intergrowths, metal containing forms thereof, intergrown forms thereof, and mixtures thereof.
- 23-26. (Canceled)
- 27. (Original) The process of claim 18, wherein the first conditions comprise a reaction temperature of from about 204°C to about 260°C.
- 28. (Original) The process of claim 18, wherein the ethanol synthesis catalyst comprises an alkali-treated metal sulfide.

- 29. (Original) The process of claim 18, wherein the methanol synthesis catalyst comprises a metal oxide.
- 30. (Original) The process of claim 18, wherein the ethanol synthesis catalyst comprises an alkali-treated metal sulfide.
- 31. (Original) The process of claim 18, wherein the synthesis zone has a weight ratio of methanol synthesis catalyst to ethanol synthesis catalyst of from about 1.0 to about 5.0.
- 32. (Original) The process of claim 31, wherein the weight ratio of methanol synthesis catalyst to ethanol synthesis catalyst is from about 2.0 to about 4.0.
- (Original) The process of claim 18, wherein the process further comprises the step of:(c) contacting a natural gas stream with oxygen in a syngas generation zone under conditions effective to convert the natural gas stream into the syngas stream.

34-74. (Canceled)